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HYPERLABS Showcases New TDR11100 Instrument and 145 GHz Component Portfolio at IMS 2026

Live demonstrations at booth 16019 highlight next-generation broadband performance for RF and high-speed applications

BOSTON – June 1, 2026 – HYPERLABS will exhibit at the IEEE MTT-S International Microwave Symposium (IMS), booth 16019, where the company will introduce its new TDR11100 Time Domain Reflectometer alongside its expanding portfolio of 0.8 mm components supporting operation up to 145 GHz.

Designed to meet the increasing demands of RF and high-speed interconnect environments, the TDR11100 delivers precise time-domain analysis for signal integrity characterization in ultra-high-bandwidth systems. Attendees are invited to experience live, in-booth demonstrations showcasing these capabilities in real-world measurement scenarios.

“HYPERLABS developed the TDR11100 to give engineers a clearer window into signal behavior at extreme speeds,” said Madrone Coopwood, Chief Engineer at HYPERLABS. “As bandwidth continues to increase, traditional assumptions begin to break down. This instrument was designed from the ground up to provide the resolution and accuracy needed to understand what’s really happening in the signal path.”

Also featured at IMS is HYPERLABS’ 8800 Series of ultra-broadband components, including DC Blocks, Attenuators, and a Balun, each utilizing 0.8 mm connectors and validated for performance up to 145 GHz. First previewed earlier this year, these components have already gained strong industry recognition for enabling accurate measurement and validation beyond 110 GHz.

“As systems continue to demand higher frequencies and tighter tolerances, HYPERLABS is focused on breaking bandwidth barriers,” said Jason Yoho, Ph.D., Vice President of Engineering at HYPERLABS. “Our 145 GHz components and the TDR11100 reflect a clear direction: delivering the tools engineers need to push performance further, with confidence.”

With a legacy of ultra-broadband innovation dating back to 1992, HYPERLABS continues to support RF and high-speed design engineers with precision components and measurement solutions that extend the limits of signal integrity.

Media and attendees are encouraged to visit booth 16019 to meet with the engineering team, explore live demonstrations, and discuss applications across RF, mmWave, and high-speed data environments.

About HYPERLABS, Inc.

HYPERLABS designs and manufactures high-performance ultra-broadband RF, microwave, and millimeter-wave components and instruments for demanding data communications, test, and research applications. Known for engineering rigor and real-world performance, HYPERLABS supports customers worldwide with solutions operating to 145 GHz and beyond. Learn more at hyperlabs.com.

Media Contact:
Amanda Vaden
Marketing Specialist
HYPERLABS
amanda@hyperlabs.com